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**Substitute for form 1449/PTO**

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1

of 1

**Complete if Known**

Application Number	10/716,369
Filing Date	November 18, 2003
First Named Inventor	BANEY et al.
Art Unit	1755
Examiner Name	
Attorney Docket Number	5853-464

**Examiner  
Signature**

Date Considered

4/10/05

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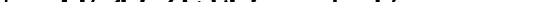
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## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>MJN</i>		WEINMANN et al., "Boron-containing polysilylcarbodi-imides: a new class of molecular precursors for Si-B-C-N ceramics," Journal of Organometallic Chemistry, 541:345-353, 1997.	
<i>MJN</i>		RIEDEL et al., "A silicoboron carbonitride ceramic stable to 2,000C," Nature, 382:796-798, 1996.	
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		CHOONG et al., "Silicon Carbonitride from Polymeric Precursors: Thermal Cross-Linking and Pyrolysis of Oligosilazane Model Compounds," Chem. Mater., 4:141-146, 1992.	
		FUNAYAMA et al., "Synthesis of a Polyborosilazane and Its Conversion into Inorganic Compounds," J. Am. Ceram. Soc., 76:717-723, 1993.	
		WIDEMAN et al., "Reactions of Monofunctional Boranes with Hydridopolysilazane: Synthesis, Characterization, and Ceramic Conversion Reactions of New Processible Precursors to SiNCB Ceramic Materials," Chem. Mater. 9:2218-2230, 1997.	

**Examiner Signature**  **Date Considered** **4/13/05**

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		GERVAIS et al., "Sol-Gel-Derived Silicon-Boron Oxycarbide Glasses Containing Mixed Silicon Oxycarbide (SiCxO4-x) and Boron Oxycarbide (BCyO3-y) Units," 84:2160-2164, 2001.				
		LI et al., "Preparation of Si-C-N-Fe magnetic ceramics from iron-containing polysilazane," Applied Organometallic Chemistry, 17:120-126, 2003.				
		WIDEMAN et al., "Boron-modified Polysilycarbodi-imides as Precursors for Si-B-C-N Ceramics: Synthesis, Plastic-forming and High-temperature Behavior," Appl. Organometal. Chem., 12:725-734, 1998.				
		WAN et al., "Effect of Ammonia Treatment on the Crystallization of Amorphous Silicon-Carbon-Nitrogen Ceramics Derived from Polymer Precursor Pyrolysis," J. Am. Ceram. Soc., 85:554-564, 2002.				
		SU et al., "Synthesis, Characterization, and Ceramic Conversion Reactions of Borazine-Modified Hydridopolysilazanes: New Polymeric Precursors to SiNCB Ceramic Composites," Chem. Mater., 5:547-556, 1993.				
		FUNAYAMA et al., "Conversion mechanism of polyborosilazane into silicon nitride-based ceramics," Journal of Materials Science, 30:410-416, 1995.				
		CINIBULK et al., "Characterization of Oxidized Polymer-Derived SiBCN Fibers," J. Am. Ceram. Soc., 84:2197-2202, 2001.				
		MULLER et al., "Short-Range Ordering in Amorphous Si <sub>3</sub> B <sub>3</sub> N <sub>7</sub> As Determined by Multinuclear NMR Spectroscopy," Chem. Mater., 12:2341-2346, 2000.				
		SCHUHMACHER et al., "Solid-state NMR and FT IR studies of the preparation of Si-B-C-N ceramics from boron-modified polysilazanes," Appl. Organometal. Chem., 15:809-819, 2001.				
		WIDEMAN et al., "Synthesis, Characterization, and Ceramic Conversion Reactions of Borazine/Silazane Copolymers: New Polymeric Precursors to SiNCB Ceramics," Chem. Mater., 7:2203-2212, 1995.				

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		JESCHKE et al., "A magnetic resonance study on the structure of amorphous networks in the Si-B-N(-C) system," Journal of Non-Crystalline Solids, 260:216-227, 1999.	
		ADHYARU et al., "Solid-state cross-polarization magic angle spinning 13Cand 15N NMR characterization of Sepia melanin, Sepia melanin free acid and Human hair melanin in comparison with several model compounds," Magnetic Resonance in Chemistry, 41:466-474, 2003.	
		BRENDLER et al., "15N CP/MAS NMR as an instrument in structure investigations of organosilicon polymers," Fresenius J. Anal. Chem., 363:185-188, 1999.	
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		TOREKI et al., "POLYMER-DERIVED SILICON CARBIDE FIBERS WITH LOW OXYGEN CONTENT AND IMPROVED THERMOMECHANICAL STABILITY," Composites Science and Technology, 51:145-159, 1994.	
		SRIVASTAVA et al., "Synthesis of Silylborazines and Their Utilization as Precursors to Silicon-Containing Boron Nitride," Eur. J. Inorg. Chem., 855-859, 1998.	
		IWAMOTO et al., "Crystallization Behavior of Amorphous Silicon Carbonitride Ceramics Derived from Organometallic Precursors," J. Am. Ceram. Soc., 84:2170-2178, 2001.	
		JALOWIECKI et al., "Interface characterization of nanosized B-doped Si3N4/SiC ceramics," Composites Part A, 27A:717-721, 1996.	
		HERMANN et al., "Structure and Electronic Transport Properties of Si-(B)-C-N Ceramics," J. Am. Ceram. Soc., 84:2260-2264, 2001.	

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